

**Weekly Lesson Plans**  
**WIDA Content and Language Objectives**  
**Strong Middle School**

*Mr. Wilkie*  
**8th-Grade Math**

Oct. 19th-22nd, 2015	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>Content Objective</b>	SW demonstrate analysis of linear relationships by using <b>a table and graph to write an equation in the form <math>y=mx+b</math></b> (Labsheet 2.3A).	Students will demonstrate analysis of linear relationships and $y=mx+b$ by using the <b>4-Step Problem Solving Strategy</b> and graphing their work.	SW demonstrate analysis of linear relationships by using <b>a line of best fit o write an equation in the form <math>y=mx+b</math></b> (Labsheet 2.3C-E).	SW demonstrate comprehension of linear functions by balancing multi-step equations in their math notebook.	Students will demonstrate analysis of linear relationships and $y=mx+b$ by using the <b>4-Step Problem Solving Strategy</b> (Problem 2.4)
<b>Language Objective</b>	Students will write and complete the following sentence stem: To find the slope from a table, you would find the <u>change in y</u> and divide by the <u>change in x</u> .	Students will write a short Type 3 Summary with specific FCAs in 4-Step Strategy.	Students will write and orally repeat 5 review sentence stems from the week.	Students will do a reflection complete the following sentence stem: To balance a multi-step equation you must get the variable on one side and the numbers on the other.	Students will write a short Type 3 Summary with specific FCAs in 4-Step Strategy.
<b>Weekly Vocabulary</b>	Equation, variable, independent, dependent, linear, coefficients, slope, y-intercept, $y=mx+b$ , functions	Equation, variable, independent, dependent, linear, coefficients, slope, y-intercept, $y=mx+b$ , functions	Equation, variable, independent, dependent, linear, coefficients, slope, y-intercept, $y=mx+b$ , functions	Equation, variable, independent, dependent, linear, coefficients, slope, y-intercept, $y=mx+b$ , functions	Equation, variable, independent, dependent, linear, coefficients, slope, y-intercept, $y=mx+b$ , functions
<b>CCS covered and Strand</b>	<a href="#">8.F.A.3</a> Interpret $y=mx+b$ as a linear function and graph is a straight line	<a href="#">8.F.A.3</a> Interpret $y=mx+b$ as a linear function and graph is a straight line	<a href="#">8.F.A.3</a> Interpret $y=mx+b$ as a linear function and graph is a straight line	<a href="#">8.EE.C.7.b</a> Solve Linear Equations using rational coefficients.	<a href="#">8.F.A.3</a> Interpret $y=mx+b$ as a linear function and graph is a straight line